

 <p align="center"> United States Environmental Protection Agency Washington, DC 20460 Interagency Agreement/Amendment Part 1 - General Information </p>		1. EPA IA Identification Number DW-14-95805901 - 0		2. Funding Location by Region EPA HQ					
		3. Other Agency IA ID Number (if known)		4. Awarding Office IASSC West					
		5. Type of Action New		6. IA Specialist: Joanne Brendle 206-553-6385 Brendle.Joanne@epa.gov					
7. Name and Address of EPA Organization US Environmental Protection Agency IASSC West 1200 Sixth Avenue, Suite 900, OMP-145 Seattle, WA 98101			8. Name and Address of Other Agency Dept. of the Interior 12201 Sunrise Valley Dr #954 Reston, VA 20192						
9. DUNS: 029128894		10. BETC: DISB		11. DUNS: 137785049					
12. BETC: COLL									
13. Project Title and Description Bristol Bay Watershed Assessment									
EPA in partnership with USGS will conduct a scientific assessment of the Bristol Bay watershed to better understand how future large-scale mining may affect water quality and the salmon fishery in the Nushagak and Kvichak river watersheds of the Bristol Bay.									
14. EPA Project Officer (Name, Address, Telephone Number) Palmer Hough 1200 Pennsylvania Ave, NW Washington, DC 20460 202-566-1374 E-Mail: hough.palmer@epa.gov FAX: 202-566-1375			15. Other Agency Project Officer (Name, Address, Telephone) Shirley McManus-Hunt 12201 Sunrise Valley Dr #954 Reston, VA 20192 703-648-5825 E-Mail: smcmanus@usgs.gov FAX: 703.648.6383						
16. Project Period: 08/25/2011 to 08/25/2013			17. Budget Period: 08/25/2011 to 08/25/2013						
18. Scope of Work (See Attachment)									
See attached Scope of Work									
19. Employer/Tax ID No. 520852695		20. CAGE No: 347A4		21. ALC: 68-01-0727					
22. Statutory Authority for Transfer of Funds and Interagency Agreement Clean Water Act: Sec. 104(b)(2)					23. Other Agency Type Federal Agency				
24. Revise Reimbursable Funds and Direct Fund Cites (only complete if applicable)									
	Previous Funding		This Action		Amended Total				
Revise Reimbursable (in-house)					0				
Direct Fund Cite (contractor)			0		0				
Total					0				
	Previous Amount		Amount This Action		Total Amount				
25. EPA Amount			\$15,000		\$15,000				
26. EPA In-Kind Amount					\$0				
27. Other Agency Amount			\$58,100		\$58,100				
28. Other Agency In-Kind Amount					\$0				
29. Total Project Cost			\$73,100		\$73,100				
30. Fiscal Information									
Treas. Symbol	DCN	FY	Appropriation	Budget Org	PRC	Object Class	Site/Project	Cost Org	Ob/De-Ob Amt
681/20108	1187KP1025	1112	B	87EK	403BE2B	2506			15,000
									15,000

Part II - Approved Budget				EPA IAG Identification Number DW-14-95805901 - 0
31. Budget Categories	Itemization of All Previous Actions	Itemization of This Action	In-Kind Itemization of This Action	Itemization of Total Project Cost to Date
(a) Personnel			\$58,100	\$58,100
(b) Fringe Benefits				\$0
(c) Travel		\$15,000		\$15,000
(d) Equipment				\$0
(e) Supplies				\$0
(f) Procurement / Assistance				\$0
(g) Construction				\$0
(h) Other				\$0
(i) Total Direct Charges	\$0	\$15,000	\$58,100	\$73,100
(j) Indirect Costs:	\$0			\$0
Charged - Amount Rate: % Base: \$ Not Charged: Funds-Out: Not charged by Other Agency Estimate by other Agency Amount \$				
(k) Total (EPA Share 20.52 %) (Other Agency Share 79.48 %)	\$0	\$15,000	\$58,100	\$73,100
32. How was the IDC Base calculated?				
33. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Identify all equipment costing \$1,000 or more)				
34. Are any of these funds being used on extramural agreements? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Type of Extramural Agreement				
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project			Percent Funded by EPA (if known)
	Total \$ 0.00			
Part III - Funding Methods and Billing Instructions				
35. (Note: EPA Agency Location Code (ALC) - 68010727)				
<input checked="" type="checkbox"/> Disbursement Agreement	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002:			
<input checked="" type="checkbox"/> Repayment	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Upon Completion of Work			
<input type="checkbox"/> Advance	Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002.			
<input type="checkbox"/> Allocation Transfer-Out	Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.			
36. <input type="checkbox"/> Reimbursement Agreement <input type="checkbox"/> Repayment <input type="checkbox"/> Advance				
<input type="checkbox"/> Allocation Transfer-In				
Other Agency's Billing Address (include ALC or Station Symbol Number)			Other Agency's Billing Instructions and Frequency	

Part IV - Acceptance Conditions**EPA Identification Number**

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37. Terms and Conditions (See attached terms and conditions, Attachment B)**Part V - Offer and Acceptance**

Note: A) For Fund-out actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants and IA Management Division for Headquarters agreements or to the appropriate EPA Regional IA administration office within 3 calendar weeks after receipt or within any extension of time that may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.

Failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency after the document is signed by the EPA Award Official, which the Award Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.

B) For Funds-In actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IA administration office for signature on behalf of the EPA. EPA will return one original copy after acceptance returned to the other agency after acceptance.

EPA IA Administration Office (for administrative assistance)**EPA Program Office (for technical assistance)****38. Organization/Address****39. Organization/Address**

U.S. Environmental Protection Agency
IASSC West
1200 Sixth Avenue, Suite 900, OMP-145
Seattle, WA 98101

US Environmental Protection Agency
OW - Office of Water
1200 Pennsylvania Ave, NW
Washington, DC 20460

Award Official on Behalf of the Environment Protection Agency**40. Digital signature applied by EPA Award Official | Armina K. Nolan - Manager - Grants and Interagency Agreements Unit****Date**

08/03/2011

Authorizing Official on Behalf of the Other Agency**41. Signature****Typed Name and Title****Date**

Daniel Hayba, Eastern Mineral and Environmental Resources Science Center Director

8/5/11

IA Terms and Conditions

1. Project Monitoring

The EPA Project Officer will be responsible for monitoring the project, through meetings and phone calls with USGS. Meetings will be held as appropriate either in-person or via conference calls.

2. Project Reports

The EPA Project Officer will also monitor the project through review of quarterly progress reports and annual reports submitted by the award recipient. These reports shall discuss the following items:

- comparison of actual accomplishments with the project's goals and objectives;
- an explanation if any established goals were not met;
- anticipated progress in the upcoming quarter;
- relevant project financial information, including analysis and explanation of cost overruns or high unit costs.

3. Resolution of Disagreements

Should disagreement arise concerning the interpretation of the provisions of this agreement, the dispute shall be resolved pursuant to the Business Rules for Intra-Governmental Transactions delineated in the Treasury Financial manual, Volume 1, Bulletin 2007-03, Section VII, Resolving Intra-governmental Disputes and Major Differences.

4. Cost Collection Upon Cancellation

If the Environmental Protection Agency cancels the order, the IA recipient is authorized to collect costs incurred prior to cancellation of the order plus termination costs, up to the total payment amount provided for under the agreement.

5. Indirect Costs and Audit Findings

The parties to this agreement certify that (1) any indirect costs included in billings to EPA represent, in accordance with generally accepted accounting principles, indirect costs that would not have been otherwise incurred by the performing agency, or (2) statutory authority exists for charging other than the incremental costs of performance. If an audit determines that any direct or indirect costs charged to EPA are unallowable, EPA will be notified immediately following the resolution of the audit and EPA will be credited those amounts.

6. Billing/Payment

When submitting invoices to the Office of the Chief Financial Officer/Cincinnati Finance Center (OCFO/CFC) requesting payment, a breakdown of the costs associated with the invoice must be provided to the EPA Project Officer (EPA PO). This information allows the EPA PO to determine that costs billed to EPA are necessary and reasonable. If this information is not provided, the EPA PO will notify the OCFO/CFC to suspend or charge back the payment.

7. Expiration of Funds under Non-Economy Act

For IAs with fixed year funding and executed under any authority other than the Economy Act, if funds are properly obligated on an IA, a performing agency may in turn obligate/expend these funds until the IA ends or the work is complete, whichever is first.

8. Quality Assurance Data Generation or Collection Not Intended

This IA is not intended to fund activities involving mission supported products, services, information, or data generation including technology development and verification, and environmental data or

measurements. However, in the event that these activities will occur, EPA's Project Officer should be notified as soon as possible. A Quality Assurance Project Plan (QAPP) should be prepared in accordance with EPA Guidance for Quality Assurance Project Plans (QA/G-5) (EPA 1998) which can be found at <http://www.epa.gov/QUALITY/qs-docs/r5-final.pdf>. The QAPP must be submitted for review and approval by the EPA Quality Assurance Officer, who must approve the Quality Assurance procedures or standards in writing before these activities are undertaken.

END OF ASSISTANCE AGREEMENT DW-14-95805901-0